

FIG. 1A

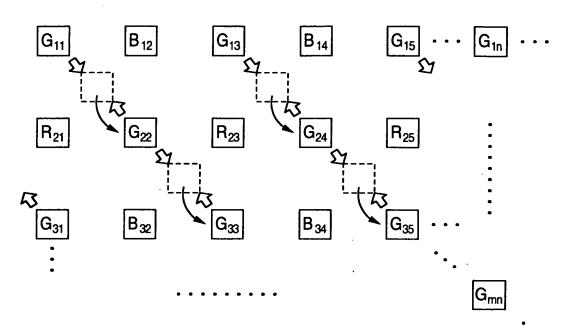
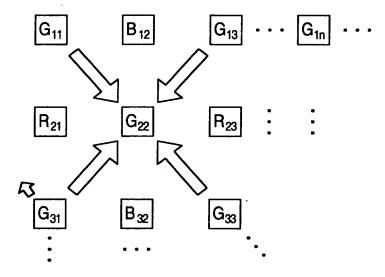


FIG. 1B



DSP



CDS AGC SOLID-STATE IMAGING DEVICE HORIZONTAL CHARGE-TRANSFER REGISTER VERTICAL CHARGE-TRANSFER 3 VERTICAL CHARGE-TRANSFER 4 42 VERTICAL CHARGE-TRANSFER

CONTROL SIGNALS



FIG. 3A PRIOR ART

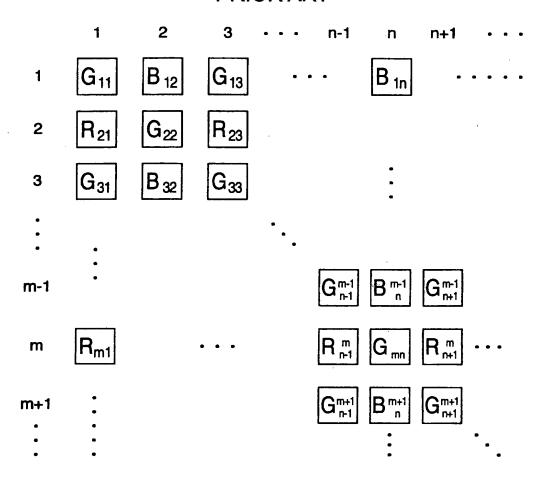


FIG. 3B PRIOR ART

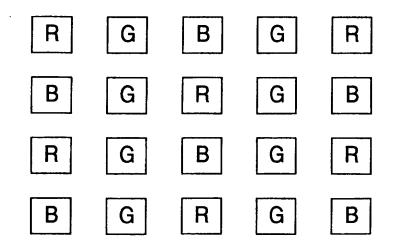




FIG. 4A PRIOR ART

FIG. 4B PRIOR ART

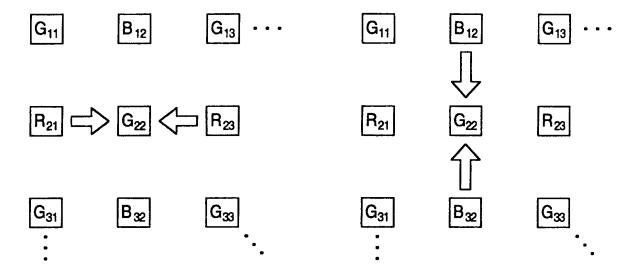


FIG. 4C PRIOR ART

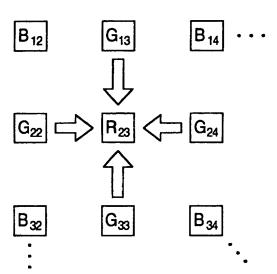


FIG. 4D PRIOR ART

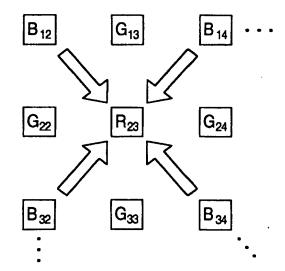




FIG. 5A

G ₁₁	B ₁₂	G ₁₃	B ₁₄	G ₁₅	B ₁₆	G ₁₇	B ₁₈
R ₂₁	G ₂₂	R ₂₃	G ₂₄	R ₂₅	G ₂₆	R ₂₇	G ₂₈
G ₃₁	B ₃₂	G ₃₃	B ₃₄	G ₃₅	B ₃₆	G ₃₇	B ₃₈
R ₄₁	G ₄₂	R ₄₃	G ₄₄	R ₄₅	G ₄₆	R ₄₇	G ₄₈
G ₅₁	B ₅₂	G ₅₃	B ₅₄	G ₅₅	B ₅₆	G ₅₇	B ₅₈
R ₆₁	G ₆₂	R ₆₃	G ₆₄	R ₆₅	G ₆₆	R ₆₇	G ₆₈

FIG. 5B

G ₁₁	B ₁₂	G ₁₃	B ₁₄	G ₁₅	B ₁₆	G ₁₇	B ₁₈
R ₂₁	G ₂₂ 120	R ₂₃	G ₂₄ 120	R ₂₅	G ₂₆	R ₂₇	G ₂₈
G ₃₁	B ₃₂	G ₃₃	B ₃₄	G ₃₅	B ₃₆	G ₃₇	B ₃₈
R ₄₁	G ₄₂	R ₄₃	G ₄₄	R ₄₅	G ₄₆	R ₄₇	G ₄₈
G ₅₁	B ₅₂	G ₅₃	B ₅₄	G ₅₅	B ₅₆	G ₅₇	B ₅₈
R ₆₁	G ₆₂	R ₆₃	G ₆₄	R ₆₅	G ₆₆	R ₆₇	G ₆₈



FIG. 6A

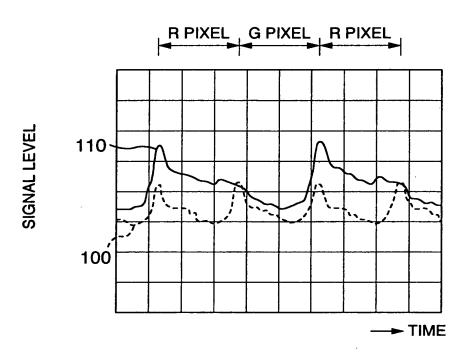
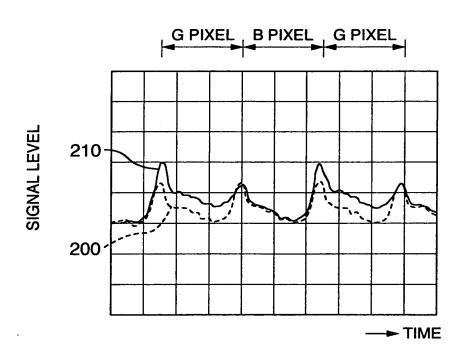
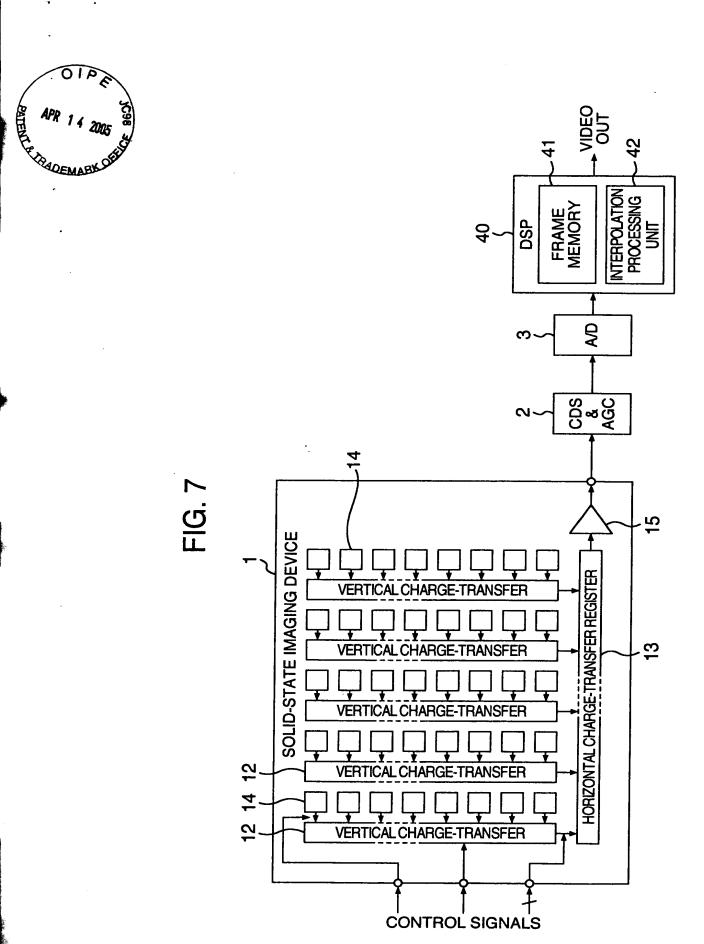


FIG. 6B





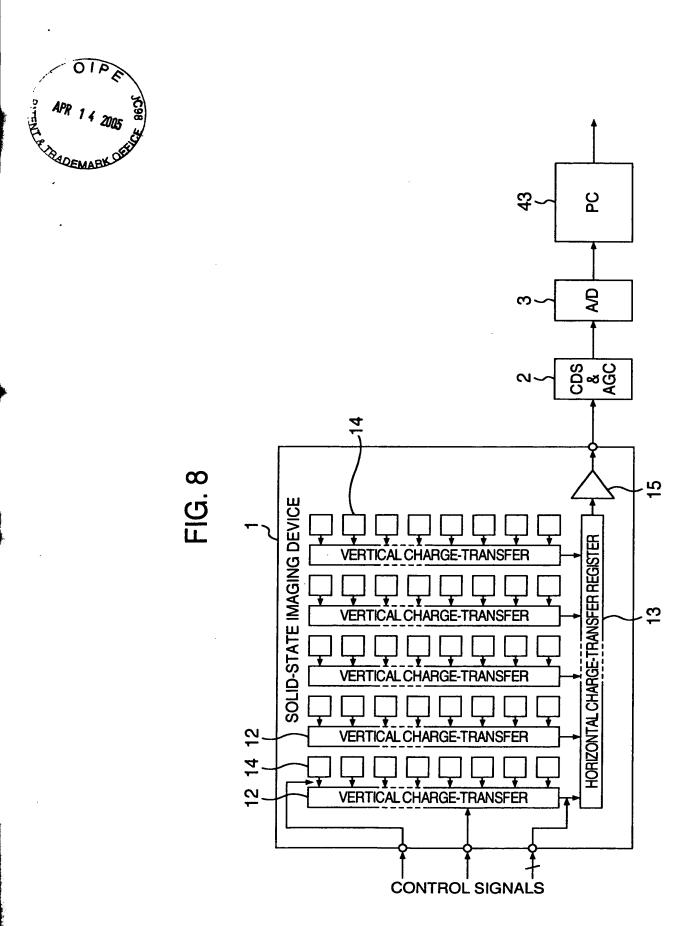
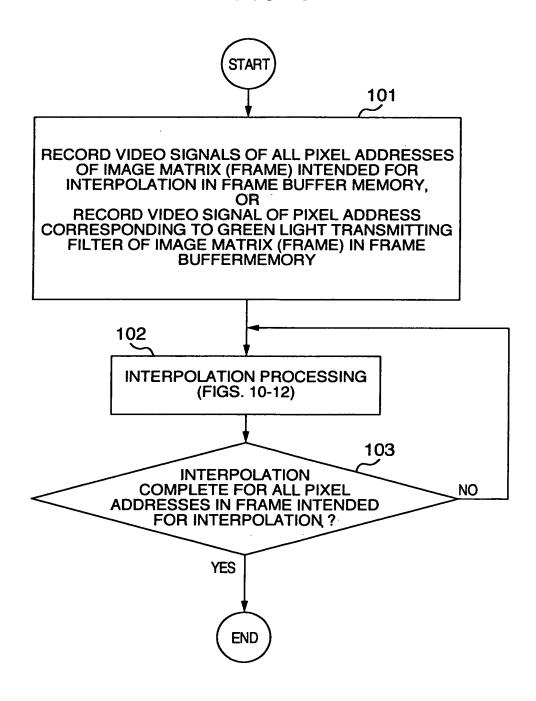




FIG. 9



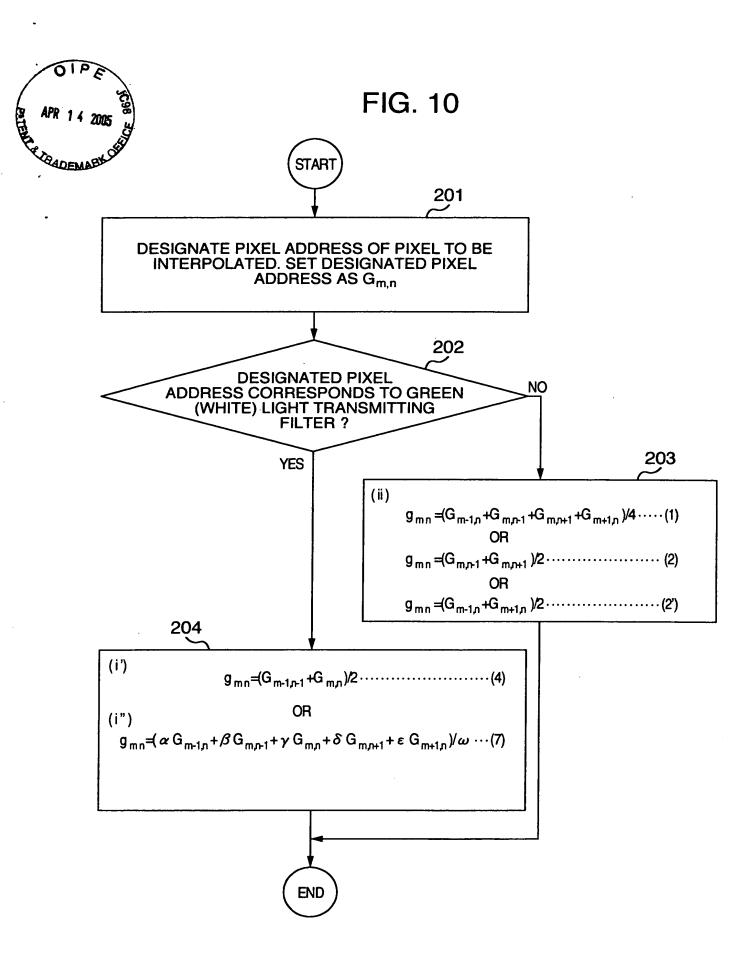




FIG. 11

